

since 1976

DENTAL



SAESHIN

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KUKA
CAB10

SN. 17

ABOUT SAESHIN

Founded in 1976, Saeshin Precision has grown into a company specializing in Micro-precision Medical devices with recognition in the importance of the medical field and become the global leading company in dental / medical industry.

Based on our strong foundation of medical device manufacturing technology, as the micro motors & handpieces specialist, we have grown in the field of medical, dental surgical, general dentistry, dental lab, beauty, jewelry tech and DIY/hobbyist and we are expanding the business areas with our own brands and products providing excellent services.





SAESHIN AMERICA

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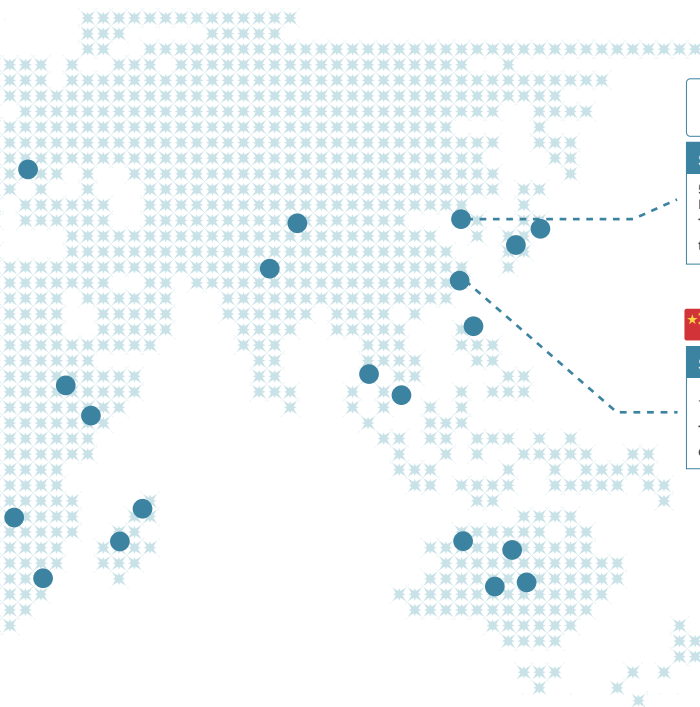
ssa@saeshin.com



- 1976. 11 Company established
- 1982. 12 Permitted to manufacture medical instruments and dental electric engines
- 1987. 06 Permitted to manufacture dental electric engines and engine handpieces
- 1987. 07 Registered trading business
- 1997. 04 Obtained Q(quality) mark
- 1997. 07 Moved to the factory enlarged
- 1998. 05 Admitted quality management of medical instruments by Korean Food & Drug Administration
- 1998. 08 Obtained CE/ISO9002/EN46002 /ISO13485 Certification
- 2000. 09 Appointed to the Export Promising Small & Medium Enterprise
- 2000. 09 Appointed to the Venture Company

- 2000. 11 Awarded export prize and commendation from the Minister of Commerce, Industry and Energy
- 2001. 10 Enlarged R&D building
- 2002. 01 Released brushless motor
- 2002. 04 Participated in the project of technology innovation by the Small & Medium Business Administration
- 2002. 07 Appointed as the Export Promising Small & Medium Enterprise (Daegu & Gyeongbuk-Do Export Assistance Center)
- 2002. 11 Appointed to Leading Small & Medium Enterprise by the Mayor of Daegu
- 2003. 11 Awarded prize of Excellent Small & Medium Enterprise by Mayor of Daegu

- 2004. 11 Awarded export prize
- 2005. 04 Developed Strong 1:1 contra angle series
- 2005. 11 Awarded export prize and commendation from Prime Minister
- 2006. 11 Developed reduction geared handpiece for implant surgery
- 2006. 12 Assigned for the company of Innovation business by Small & Medium Business Administration
- 2007. 10 Appointed to the Native Company in DAEGU Metropolitan City (over 30 years history and 30 employees)
- 2007. 12 Obtained certification of Korean Good Manufacturing Practice (KGMP) issued by Korea Food & Drug Administration & Korea Testing Laboratory



SAESHIN PRECISION

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*We heartily appreciate
Your constant interest and support*

- 2008. 01 Appointed to the Expert Company by the Ministry of Commerce, Industry and Energy
- 2008. 05 Appointed to the Star Company in DAEGU Metropolitan City
- 2008. 08 Changed the name to SAESHIN PRECISION CO., LTD. for limited company
- 2009. 02 Obtained commendation for Product Development & Technology Innovation by Daegu mayor
- 2009. 08 Certified as export company by Daegu Chamber of Commerce & Industry
- 2009. 10 Obtained FDA for Implant Engine.
- 2009. 12 Awarded Export prize

- 2010. 06 Appointed to the patent & brand star company by Daegu Chamber of Commerce & Industry
- 2010. 09 Awarded to the Certified Export Company by Daegu Chamber of Commerce & Industry
- 2010. 12 Appointed to the world-class company by Small & Medium Business Corporation
- 2011. 10 Receive Excellence award of International Public Design Awards
- 2012. 09 Moved to the new factory
- 2013. 10 Appointed Global excellent company by the Minister of Commerce, Industry and Energy
- 2013. 10 Awarded Grand prize of industrial technology for this month.

- 2013. 12 New Excellent Technology(NET) Certification
- 2014. 03 48th Exemplary taxpayer Award
- 2014. 12 Korean World Class Product Award 2014
- 2015. 06 High-tech company Recognition
- 2016. 07 Daegu star company selection
- 2017. 11 Small and Medium Business Awards - Grand prize
- 2018. 04 Appointed Global Small Giants by Ministry of SMEs and Startups
- 2018. 07 Appointed Advanced Technology Center by Ministry of Trade, Industry and Energy
- 2019. 07 Appointed Inno-Biz by Ministry of SMEs and Startups
- 2021. 09 Appointed to High-tech company by Ministry of Science and ICT
- 2022. 06 Awarded Daegu-Gyeongbuk Small and Medium Business

PRODUCT LINE-UP

ORAL SURGERY



IMPLANT SURGERY



AIR-DRIVEN HIGH SPEED



1:1 LOW SPEED ANGLE



PIEZO SURGERY



ENDODONTICS



Traus SSG10

Surgical Combo Engine

ORAL SURGERY

DRILL

SAW

- Connect up to two electronic motors
- 9 programmable memories
- Automatic overload protection
- Real-time RPM view system
- Motor Auto-calibration function
- Ergonomic foot controller



ORDER CODE

• SET	SSG10	• MOTOR	MBP10SL
• CONTROL BOX	BSG10	• ANGLE	TST10XX, CRT10XX, CRT14XX
• FOOT CONTROLLER	FUS10		TRT12NRC, TRT12NSG, TRT12NOS

Micro Motor & Handpiece



MBP20SX

- 40,000rpm BLDC
- Length of Cord : 3.5m



CRT14XX

- Speed : Max. 4,000 RPM
- Gear Ratio : 10 : 1



CST10XX

- Speed : Max. 40,000 RPM
- Gear Ratio : 1 : 1



TST10XX

- Speed : Max. 40,000 RPM
- Gear Ratio : 1 : 1



TRTNRC Reciprocating

- Speed : Max. 12,500 RPM
- Gear Ratio : 3 : 1
- Stroke Length : 1.8 mm



TRTNSG Sagittal

- Speed : Max. 12,500 RPM
- Gear Ratio : 3 : 1
- Stroke Length : 3 mm



TRTNOS Oscillating

- Speed : Max. 12,500 RPM
- Gear Ratio : 3 : 1
- Stroke Length : 17 mm

Implant Surgical Combo Engine





Traus SUS10

Implant Surgical Combo Engine

PIEZO

OPTIC

COMPACT

- Integrated system
- Intuitive user interface
- Powerful and precise
- Designed for patient safety



ORDER CODE

• SET	SUS10	
• CONTROL BOX	XUS10	• MOTOR MBP10SL
• HANDPIECE	PEZ10XX / PEZ10LN	• ANGLE CRB26LX
• FOOT CONTROLLER	FUS10	

Micro Motor & Handpiece



MBP10SL

- Optic : Optic
- Weight : 139 g
- Dimension : 127 × Ø25.7 mm
- LED Power : 25,000 Lux



CRB26LX

- Optic : Optic
- Gear Ratio : 20 :1
- Max. Torque: 70 N-cm
- Max. RPM : 2,000
- Min. RPM : 15
- Weight : 82g



(LED is optional.)

PEZ10XX

- Working Frequency : 27±3 KHz
- Dimension : 148.5 × Ø 23.8 mm
- Weight : 228g (with cord)

CONTROL BOX

- Input : AC 100-120 V, 220-240 V (50/60Hz)
- Output : 48 VA / 59 VA
- Fuse : 5 A / 2 A
- Maximum Pumps : Max. 90±20%ml / min
- Dimension : W 348 × D 276 × H 143 mm
- Weight : 3.6 kg



• Piezo Tips

BASIC KIT

OT Osteotomy		OP Osteoplasty	SL Sinus Lift	EX Extraction	IM Implant Preparation
SP-SAW	SP-SAW R	SP-100	SP-400	SP-610	SP-016



Piezo Tips Holder (6pcs)

Single Piezo Surgery Engine





Traus SUS20

Single Piezo Surgery Engine

LED

PIEZO

COMPACT

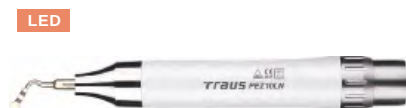
- Precise & Fast cutting
- Intuitive user interface
- Powerful performance
- Designed for patient safety



ORDER CODE

· SET	SUS20
· CONTROL BOX	BUS20
· HANDPIECE	PEZ10LN / PEZ10XX
· FOOT CONTROLLER	FUS10

Handpiece



LED

PEZ10LN

- Working Frequency : 27±3 KHz
- Dimension : 148.5 × Ø 23.8 mm
- Weight : 233g (with cord)
- LED Power : 2,400 Lux

• Piezo Tips

BASIC KIT					
OT Osteotomy	OP Osteoplasty	SL Sinus Lift	EX Extraction	IM Implant Preparation	
SP-SAW	SP-SAW R	SP-100	SP-400	SP-610	SP-016



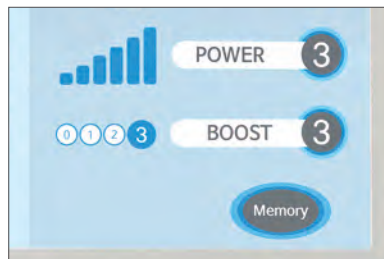
Piezo Tips Holder (6pcs)

CONTROL BOX

- Input : AC 100-120 V, 220-240 V (50/60Hz)
- Output : 48 VA
- Fuse : 5 A / 2 A
- Maximum Pumps : Max. 110±20%ml / min
- Dimension : W 285.5 × D 261 × H 121.7 mm
- Weight : 3.35 kg



BOOST



LED



PIEZO TIPS

OT Osteotomy



SP-SAW

- Maxilla and mandible
- Dense cortical bones
- Ridge expansion of alveolar bone
- Bone block grafting



SP-SAW L

- Maxilla and mandible
- Dense lateral cortical bones
- Bone block grafting



SP-SAW R

- Maxilla and mandible
- Dense lateral cortical bones
- Bone block grafting



SP-SAW RD

- Dense cortical bones
- Ridge expansion of alveolar bone
- Cutting and separation of the root and remaining teeth



SP-SAW BS

- Maxilla and mandible
- Cortical bone
- Ridge expansion of alveolar bone
- Bone block grafting



SP-ST1

- Bone fenestration formation in cortical bone
- Bone removal near blood vessels, nerves, etc.
- Polishing in area of bone cut and removal



SP-BT2

- Bone removal to from a lateral bone window in the maxillary sinus
- Bone removal near blood vessels, nerves, etc
- Bone removal for crown edge extensions



SP-BT3

- Bone removal to from a lateral bone window in the maxillary sinus
- Bone removal near blood vessels, nerves, etc
- Bone removal for crown edge extensions

OT Osteotomy



SP-RS1

- Corticotomy
- Bone block harvesting
- Fragmenta osteotomy
- Ridge expansion of alveolar bone



SP-BS2

- Very precision cortical bone
- Ridge expansion of alveolar bone



SP-MS-G2 408L

- CMF, Cranio-maxillofacial surgery
- Deep osteotomy
- Minimally invasive techniques and easier access



SP-MS-G2L 401L

- CMF, Cranio-maxillofacial surgery
- Deep osteotomy
- Long lateral saws (38.3mm length) for easier access adapted to patients anatomy



SP-MS-G2R 401L

- CMF, Cranio-maxillofacial surgery
- Deep osteotomy
- Long lateral saws (38.3mm length) for easier access adapted to patients anatomy



- The tips are not sterilized before packing. Please sterilize it before usage.
- Do not allow the Tip to touch a patient's tongue, lips or cheeks. It could burn the patient.

PIEZO TIPS

OP Osteoplasty	 	 SP-100 • Scraper for harvesting of bone chips and detaching bone flaps • Osteoplasty  SP-321 • Circular scraper for harvesting of bone particles or chips • Osteoplasty • Maxillary sinus membrane lifting
SL Sinus Lift	 	 SP-400 • Separation of membrane and bone (ex. maxillary sinus)  SP-401D • Separation of the bone and membrane in the bone window • Lifting the membrane using hydrodynamic pressure • Maxillary sinus membrane lifting
IM Implant Preparation	  	 SP-016 • Bone Perforation and bone removal to from a bone window • Preparation of the implant bed  SP-020is • A single tip enables implant placement after maxillary angioplast • Early bone perforation possible before drill use • HPiSE(Hydrodynamic Piezoelectric Internal Sinus Elevation • Stopper structure  SP-028i • A single tip enables implant placement after maxillary angioplast • Early bone perforation possible before drill use • HPiSE(Hydrodynamic Piezoelectric Internal Sinus Elevation

EX Extraction



SP-610

- Separation of the root, remaining teeth and impacted teeth
- Ridge expansion of alveolar bone



SP-E1

- Anterior and lateral micrometric osteotomy
- Cut off the ankylosis
- Detachment of the periodontium
- Tooth extraction



SP-E1L

- Posterior micrometric osteotomy
- Cut off the ankylosis
- Detachment of the periodontium
- Tooth extraction



SP-E1R

- Posterior micrometric osteotomy
- Cut off the ankylosis
- Detachment of the periodontium
- Tooth extraction



SP-T1

- Hemisections and root amputations
- Separation and extraction of amputated teeth

OT Osteotomy		OP Osteoplasty	SL Sinus Lift	IM Implant Preparation	EX Extraction
SP-SAW	SP-BT3	SP-100	SP-400	SP-016	SP-610
SP-SAW L	SP-RS1	SP-321	SP-401D	SP-020is	SP-E1
SP-SAW R	SP-BS2			SP-028i	SP-E1R
SP-SAW RD	SP-MS-G2 408L				SP-T1
SP-SAW BS	SP-MS-G2L 401L				
SP-ST1	SP-MS-G2R 401L				
SP-BT2					



- The tips are not sterilized before packing. Please sterilize it before usage.
- Do not allow the Tip to touch a patient's tongue, lips or cheeks. It could burn the patient.

Premium Implant Engine





Traus SIP20

Premium Implant Engine

EZ OPEN

80 Ncm

OPTIC

- Maintenance friendly
- Intuitive user interface
- Real time RPM display
- Motor auto-calibration function
- Efficient gear system with the latest technology



ORDER CODE

· SET	SIP20	· MOTOR	MBP10SL
· CONTROL BOX	BIP20	· ANGLE	CRB46LN / CRB46NN
· FOOT CONTROLLER	FUS10		

Micro Motor & Handpiece



MBP10SL

- Optic : **Optic**
- Weight : 139 g
- Dimension : 127 × Φ 25.7 mm
- Led Power : 25,000 Lux



CRB46LN

- Optic : **Optic**
- Gear Ratio : 20 : 1
- Max. Torque : 80 N-cm
- Max. RPM : 2,000
- Min. RPM : 15
- Weight : 87 g



CRB46NN

- Optic : **Non-Optic**
- Gear Ratio : 20 : 1
- Max. Torque : 80 N-cm
- Max. RPM : 2,000
- Min. RPM : 15
- Weight : 88 g

CONTROL BOX

- Input : AC 100-120 V, 220-240 V (50/60Hz)
- Output : 48 VA
- Fuse : 5 A / 2 A
- Maximum Pumps : Max. 90±20%ml / min
- Dimension : W 285.5 × D 261 × H 121.7 mm
- Weight : 3.42 kg



Maintenance Friendly

Easy to disassemble by hand without any tools for internal cleaning and maintenance

Traus SIP10

Advanced Implant Engine

COMPACT

70 Ncm

OPTIC

- 9 programmable memories
- Smart error diagnosis system
- Real time torque & RPM display
- Motor auto-calibration function
- Ergonomic design



ORDER CODE

· SET	SIP10	
· CONTROL BOX	XIP10	· MOTOR MBP10SL
· FOOT CONTROLLER	FUS10	· ANGLE CRB26LX

Micro Motor & Handpiece



MBP10SL

- Optic : **Optic**
- Weight : 139 g
- Dimension : 127 × Φ 25.7 mm
- Led Power : 25,000 Lux



CRB26LX

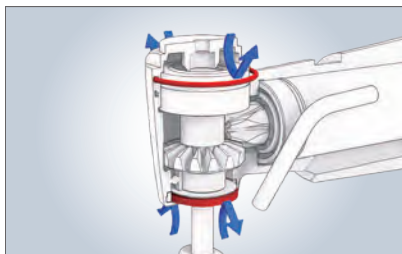
- Optic : **Optic**
- Weight : 82 g
- Max. RPM : 2,000
- Gear Ratio : 20 :1
- Min. RPM : 15
- Max. Torque: 70 N-cm

CONTROL BOX

- Input : AC 100-120 V, 220-240 V (50/60Hz)
- Output : 48 VA
- Fuse : 5 A / 2 A
- Maximum Pumps : Max. 90±20%ml / min
- Dimension : W 233 × D 269 × H 123 mm
- Weight : 2.8 kg



2 Sides Sealing Protection



Real Time Display



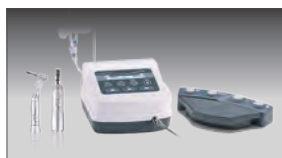
Standard Implant Engine

COMPACT

ECONOMIC

DURABLE

- 9 programmable memories
- Automatic overload protection function
- Real time torque & RPM display
- Motor auto-calibration function
- Multifunctional foot control pedal



ORDER CODE

· SET	X-CUBE	
· CONTROL BOX	X-CUBE	· MOTOR FORTE100aEI
· FOOT CONTROLLER	X-CUBE PEDAL	· ANGLE ACL(B)-61I

Micro Motor & Handpiece



FORTE100aEI

- Dimension : 119.3 × Φ27 mm
- Weight : 314 g
- Max. RPM : 50,000



ACL(B)-61I

- Gear Ratio : 20 :1
- Max. RPM : 2,500
- Max. Torque : 55 N-cm
- Min. RPM : 30
- Weight : 48 g

Shorter and lighter



Motor Sleeve



CONTROL BOX

- Input : AC 100-120 V, 220-240 V (50/60Hz)
- Output : 48 VA
- Fuse : 5 A / 2 A
- Maximum Pumps : Max. 75ml / min
- Dimension : W 210 × D 260 × H 141 mm
- Weight : 2.95 kg



traus TD Auto

Cordless Implant & Prosthodontic Screw Driver

PORTABLE

40 N·cm

MINI HEAD

- Highest Precision Torque Control
- Universal Connection for Major Implant Systems
- Autoclavable Contra Angle
- Safe and Stable Operation
- Automatic Stopping Function
- Accurate Torque Calibration Function
- Auto-Off function (Sleeping Mode)



ORDER CODE

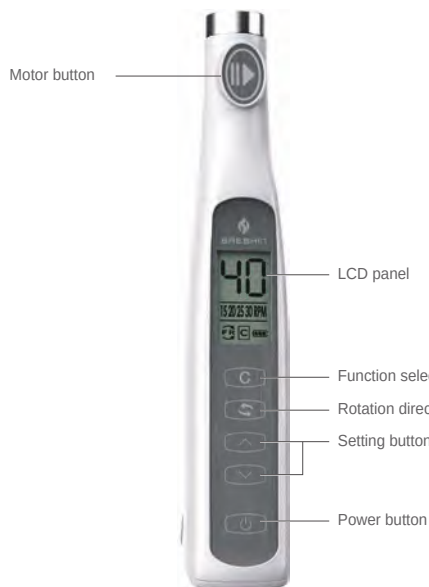
· SET	TD AUTO	· TORQUE CALIBRATOR	ATC10
· MOTOR	MCE30NN	· CHARGER	BEW10
· ANGLE	CRB19NN		

Micro Motor & Handpiece



CRB19NN

- Weight : 53.6 g
 - Dimension : 71.5 × Φ 16.7 mm
-



MCE30NN

- | | |
|-----------------|--|
| • Max. RPM : 30 | • Max. Torque : 40 N·cm |
| • Min. RPM : 15 | • Min. Torque : 10 N·cm
(Adjustable from 10 to 40 N·cm in 5 N·cm steps) |
-



BEW10

- Rated Voltage : AC 100-240 V, 50/60 Hz
 - Output : DC 4.5 V
 - Charging Time : approx. 2.5 hours
 - Using Time : approx. 9 hours
-

Precise Endo Motor





Traus **ENDO**

Cordless Endo Motor

EZ START

PORTABLE

MINI HEAD

- Optimized Design for user Interface
- Ergonomic and compact body
- Suitable for use with most major brands of Ni-Ti files



5 memory programs



Quick Charging 2.5 hours



9 hours Using time



Auto Reverse



Reciprocating



ORDER CODE

· SET	TRAUS ENDO
· MOTOR	MCE10XX
· ANGLE	ACL(B)-41EP
· CHARGER	XEW10

Micro Motor & Handpiece



ACL(B)-41EP, 42EP, 46EP

	Standard		
	ACL(B)-41EP	ACL(B)-42EP	ACL(B)-46EP
Gear Ratio	20 : 1	16 : 1	10 : 1
Weight	34.8 g	34.8 g	34.8 g



MCE10XX

Rotation Speed (min)	Gear Ratio	Torque Level (Ncm)	Rated Voltage
200~1,000	10 : 1	-	2.5 V
100~600	16 : 1	1.0 - 4.0	
100~600	20 : 1	1.0 - 4.0	



XEW10

- Rated Voltage : AC 100-240 V, 50/60 Hz
- Output : DC 4.5 V
- Charging Time : approx. 2.5 hours
- Using Time : approx. 9 hours

Endo motor with apex locator

APEX

6.5 N·cm

ALL-IN-ONE

- Endo motor and apex locator all-in-one
- Modern and compact design
- Dual power mode (Battery & AC power)
- Max Torque 6.5 N·cm, Max 650 RPM (20 : 1 Gear Ratio)
- Reciprocating, Auto-reverse function
- Auto start/stop, Auto Slow down function
- Suitable for use with the most major brands of Ni-Ti files



ORDER CODE

• SET	E-CUBE Plus	
• CONTROL BOX	E-CUBE Plus	• MOTOR CUBE EP Plus
• FOOT CONTROLLER	E-CUBE Plus PEDAL	• ANGLE ACL(B)-51EPB

Specification _____



ACL(B) - 51EPB

ACL(B)-51EPB, 52EPB, 56EPB

	Standard		
	ACL(B) - 51EPB	ACL(B) - 52EPB	ACL(B) - 56EPB
Gear Ratio	20: 1	16 : 1	10 : 1
Max. Torque	6.5 N-cm	5.2 N-cm	3.2 N-cm
Max. RPM	650	800	1,300
Min. RPM	100	120	200
Dimension	Φ16.7 × L63 mm	Φ16.7 × L63 mm	Φ16.7 × L63 mm
Weight	40 g	40 g	40 g



CUBE EP Plus

CUBE EP Plus

- Type : EP Type
- Input : DC 6 V
- Dimension : Φ 19.8 × L 107.7 mm
- Weight : 106 g



E-CUBE Plus

- Input : DC 20 V, 1.5A
- Output : DC 6 V
- Charging Time : approx. 3 hours 30 minutes
- Dimension : W 115 x D 153 x H 119 mm
- Weight : 510 g

Rechargeable Cord Type Endo Rotary

SLIM

5.2 N-cm

STABLE

- Reciprocating, Auto Reverse function
- 9 programmable memories
- Foot on/off switch
- Up to 5-hour battery life
- Compact designed controller with various functions
- Consistent torque supply
- Works with battery or adaptor
- Suitable for use with the most major brands of Ni-Ti files



ORDER CODE

· SET	E-CUBE		
· CONTROL BOX	E-CUBE	· MOTOR	CUBE EP
· FOOT CONTROLLER	E-CUBE PEDAL	· ANGLE	ACL(B)-42EP

Specification _____

EP type



ACL(B) - 41EP / 42EP

ACL(B)-41EP, 42EP

	Standard	
	ACL(B) - 42EP	ACL(B) - 41EP
Type	EP Type	EP Type
Gear Ratio	16 : 1	20 : 1
Max. Torque	5.2 N-cm	5.2 N-cm
Max. RPM	800	650
Min. RPM	120	100
Dimension	Φ 16.7 × L 65.8 mm	Φ 16.7 × L 65.8 mm
Weight	34.8 g	34.8 g



CUBE EP

CUBE EP

- Type : EP Type
- Input : DC 6 V
- Dimension : Φ 19.8 × L 107.7 mm
- Weight : 106 g



E-CUBE

- Input : DC 20 V, 1.5A
- Output : DC 6 V
- Charging Time : approx. 5 hours
- Dimension : W 110 x D 197 x H 139 mm
- Weight : 584 g



AIR-DRIVEN HIGH SPEED



TRAUS Air-driven series

The TRAUS Air-driven handpiece series was created based on Saeshin's 40 years of know-how in handpiece design and microprocessing. The excellent grip, low vibration and noise give the user a feeling of low fatigue while maximizing the user's efficiency with excellent performance.



Push Button Chuck

Push Button Chuck is an elaborately and precisely designed mechanism that allows easy insert and remove burs with a simple "One Press" of button. Moreover, the tension on the bur increases as it rotates; This brings anyone can perform the procedure safely.



Efficient Cartridge

This exceptional Traus-designed Cartridge features maximum efficient torque that never runs out.



Ceramic Ball Bearing

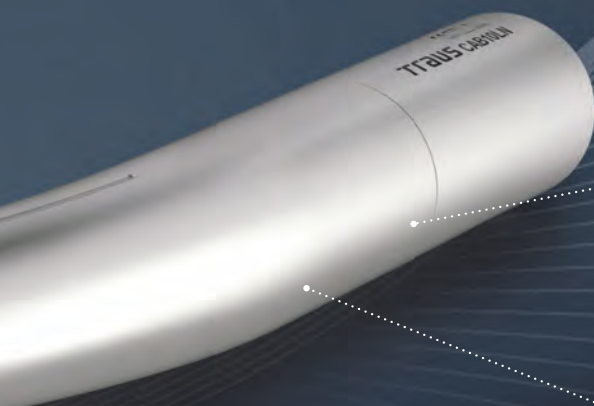
Despite its lighter weight compared to steel, this ceramic bearings with higher rigidity make the air turbine run longer with minimum noise.



Clean Head System

Clean Head System has four built-in air-hole and this anti-suck back mechanism stops foreign matter from entering the head from the oral cavity. As a result, it helps mechanical parts and components last longer.

Unsurpassed **Quality** Economically **Priced**



Ti-coating

Ti-coating applies the latest Titanium coating technology which not only increases scratch resistance and durability, but also provides a comfortable grip without slipping.

Ergonomic Grip

The TRAUS Air-Driven handpiece is designed to make the user comfortable and feel the least fatigued.



Quattro Spray

Quattro Spray effectively lowers the surface temperature of the bur by accurately spraying through 4 water streams that precisely designed.



Optic Illumination

Optic Illumination gives most ideal light intensity and angle sight for its users.

AIR-DRIVEN HIGH SPEED



OPTIC CAB10LK
 Φ 16.3 x W 119.1 mm (HEAD : Φ 11.2 x H 13.55 mm)
MULTI flex | KAVO CP10LK
 • Max. 440,000 rpm



OPTIC CAB10LN
 Φ 16.5 x W 102.7 mm (HEAD : Φ 11.2 x H 13.55 mm)
NSK-PTL LED | KAVO CP10LN
 • Max. 440,000 rpm



DIRECT-CONNECT NON-OPTIC CAB20ND M4
 Φ 14.7 x W 116 mm (HEAD : Φ 11.2 x H 13.55 mm)
 • Max. 440,000 rpm



DIRECT-CONNECT NON-OPTIC CAB20ND B2
 Φ 14.7 x W 116 mm (HEAD : Φ 11.2 x H 13.55 mm)
 • Max. 440,000 rpm

AIR-DRIVEN MOTOR

- Non-return valve designed in coupling functions specially designed not to flow the oral fluids backward from the patient's mouth to the handpiece.
- The special coating for impella case provides high durability while decreasing the wear.
- The airmotor is autoclavable.



MRD22NN

-
- External Water Spray • Titanium Coated
 - Autoclavable • Max. 22,000 rpm • 80 g
-



MRD20NN

-
- Internal Water Spray • Titanium Coated
 - Autoclavable • Max. 22,000 rpm • 79 g
-

1:1 LOW SPEED ANGLE

AT-II

- Straight Handpiece
- Max 35,000 rpm
- Ergonomic Design
- Autoclavable
- HP Bur($\Phi 2.35$)



ACL(B)-04C **MINI HEAD**

- Button type
- Max 35,000 rpm
- Ergonomic Design
- Autoclavable
- CA Bur($\Phi 2.35$)



ACL(B)-01C

- Button type
- Max 35,000 rpm
- Ergonomic Design
- Autoclavable
- CA Bur($\Phi 2.35$)



ACL(B)-03F **MINI HEAD**

- Button type
- Max 35,000 rpm
- Ergonomic Design
- Autoclavable
- FG Bur($\Phi 1.6$)



Air motor kit _____



E-type motor package _____

• BRUSHLESS

- Speed : Max. 30,000 rpm
- Torque : 3.0 Ncm
- Portable



• CARBON BRUSH

- Speed : Max. 35,000 rpm
- Torque : 3.0 Ncm



SIMPLIS

Rechargeable Cord Type Endo Rotary

- Maximize air pressure
- Cleans & Oils at the same time

Available for the following handpiece types:

1. High speed handpiece (Turbine HP)
2. Low speed handpiece
3. Contra angle handpiece
4. Implant handpiece



SIMPLIS Grip



Spray Holder



Grip Holder

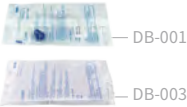
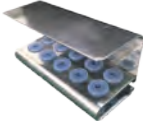


High-speed Adapter
(Option)



option
SIMPLIS Full Kit

ACCESSORIES

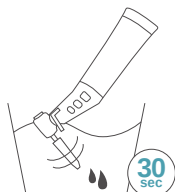
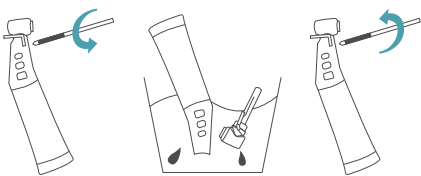
• Hanger 	• Motor Stand 	• Irrigation Tube 
• Y-Connector 	• Motor Cap 	• Spray Nozzle 
• Torque Wrench 	• Tip Holder 	• Spray Nozzle 
• Foot Pedal Hanger 	• Motor Sleeve 	• Tube Holder 
• Surgical Tray 	• Simplis Lubricating Tool Kit 	• E-Type Motor Cord 

How to maintain dental handpieces

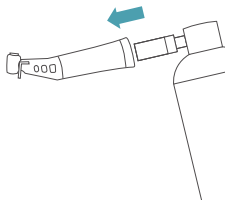
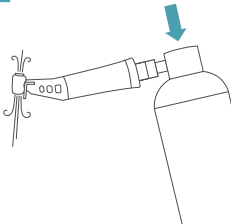
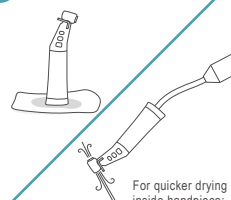
How To Clean Quick Clean

- 1 Rotate the head in alcohol or water for 30 seconds.
 
- 2 Wipe down the handpiece with a damp disposable cloth.
 

How To Clean Standard Clean

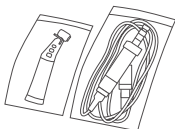
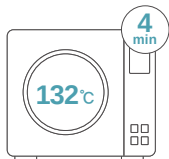
- 1 Rotate the head in alcohol or water for 30 seconds.
 
- 2 Put the two disassembled parts in alcohol in order to remove any remains before they get coagulated as shown below.
 

How To Lubricate

- 1 Insert the spray nozzle into the handpiece.
 
- 2 Spray until the oil coming out of the handpiece is clear.
 
- 3 Stand the handpiece upright on a cloth or napkin to let it air dry.
 

For quicker drying inside handpiece: remove remaining liquid with gentle air spray.

How To Sterilize

- 1 Clean the oil on the outer surface of the handpiece.
 
- 2 Place the handpiece in a sterilization pouch.
 
- 3 Sterilize for 4 minutes at 132°C in autoclave, and let it completely dry for 30 minutes after autoclave.
 

Motor



Before placing the motor in the autoclave, make sure to assemble the motor cap on the motor.



Do not disassemble the motor from the motor cord when sterilizing.



After the autoclave, put the motor tilted on the handpiece cradle as shown on the left.

MEMO

MEMO

SAESHIN



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